

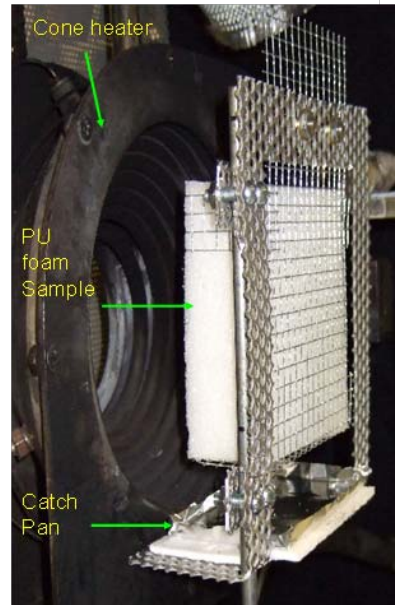
# Bench Scale vs. Medium Scale Test (Vee Test)



Medium scale Test: **Vee test**

2 foam slabs  
300x600x75 mm<sup>3</sup>

**V1=27000 cm<sup>3</sup>**

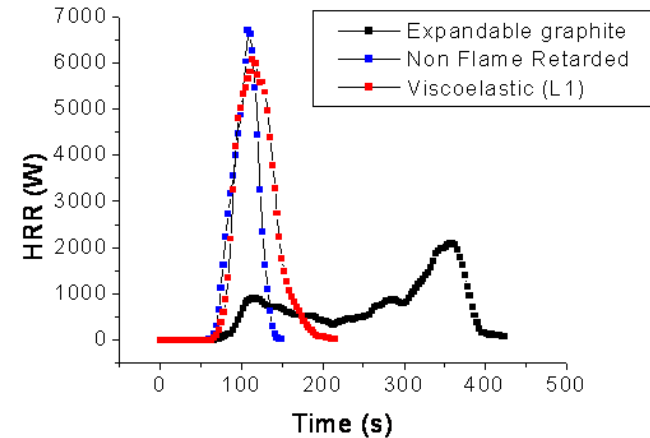


Bench scale Test: **Modified Cone**

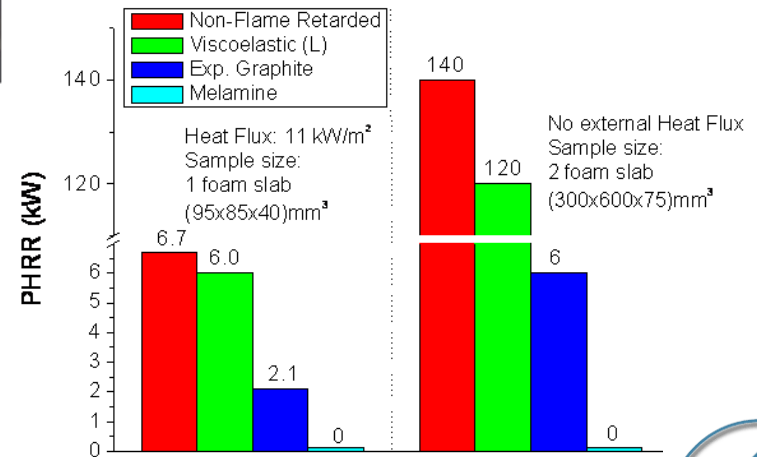
1 foam slab  
95x85x40 mm<sup>3</sup>

**V2=323 cm<sup>3</sup>**

$\Rightarrow V1/V2 \approx 84$



HRR plots measured by small scale test



**Bench Scale**

**Medium Scale**

Correlation with a r-value of 0.97 between the PHRR data from the Vee test and the Modified Cone

The bench scale test can be reasonably used to evaluate the PHRR in presence of feed-back in spite of the small sample size